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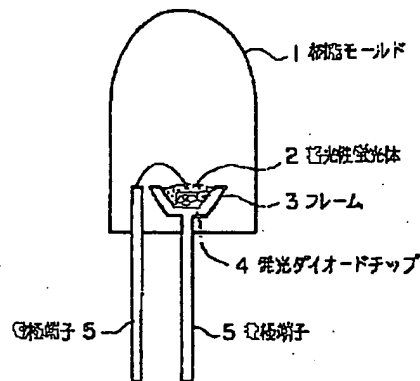
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(54) LUMINOUS LIGHT EMISSION ELEMENT

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a luminous light emission element suitable for a light source or a display and continuing the function as the light source of display even when the light emission element having a light emission diode stops to luminance for some cause by combining the light emission diode luminescing in the near ultraviolet region or visible light region and a luminous phosphor capable of instantaneously luminescing when it is excited by the emitted light of the light emission diode.

SOLUTION: A light emission diode chip 4 is mounted on a frame 3, a luminous phosphor 2 is applied on it, and a cap is formed with a resin mold 1 while electrode terminals 5 are extracted to constitute a luminous light emission element. A light emission diode luminescing in the near ultraviolet region or visible light region and the luminous phosphor 2 capable of instantaneously luminescing when it is excited by the emitted light of the light emission diode are combined, and the light emission diode having the luminescence peak wavelength in the range of 400-500nm is used for the luminous light emission element. The luminous light emission element can continue luminescence in the desired luminescent color visible for a long time after the excitation source of the light emission element is stopped.



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